

Table S3: Combination index (CI) values for CML and AML cells

K562					
OP449 (nM)	TKI (nM)	% Viability	CI values		
			OP449 + Imatinib	OP449 + Nilotinib	OP449 + Dasatinib
250	500	33.8912	0.914		
500	500	12.7964	0.695		
1000	500	0.1	0.281		
250	25	24.4224		0.634	
500	25	11.8012		0.327	
1000	25	5.1677		0.456	
250	5	26.5342			0.419
500	5	8.0544			0.444
1000	5	0.1			0.278

Normal and CML CD34+ cells				
OP449 (nM)	Nilotinib (nM)	% CFU- GM	CI values	
			CML CD34+	Normal CD34+
1000	50	45.4406	0.66	
1000	200	34.2653	0.665	
2500	50	27.3213	0.45	
2500	200	13.8889	0.195	
1000	50	86.9024		2.267
1000	200	68.5488		1.409
2500	50	64.0182		1.273
2500	200	57.9562		1.496

MOLM-14			
OP449 (nM)	AC220 (nM)	% Viability	CI values
			OP449+ AC220
1000	0.1	89.3103	1.234
1000	1	17.2322	0.94
2500	0.1	33.289	1.015
2500	1	3.7481	0.723

CMK			
OP449 (nM)	JAK Inhibitor I (nM)	% Viability	CI values
			OP449+JAK Inhibitor I
1000	500	54.6353	0.432
1000	1000	53.272	0.611
2500	500	29.6183	0.158
2500	1000	28.6639	0.177

HL-60			
OP449 (nM)	AraC (nM)	% Viability	CI values
			OP449+AraC
500	250	20.2424	0.784
500	500	10.303	0.704
1000	250	6.4848	0.63
1000	500	3.5152	0.561